

Hind Abbas Mishaan

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Profile Summary

A passionate and driven academic with a master's degree in Immunology and Immunotherapy from the University of Aberdeen, UK.

Currently working as a Lecturer at Al-Ayen University, Iraq, with academic experience that includes teaching medical students at the University of Aberdeen and supervising undergraduate research projects.

Experienced in laboratory diagnostics and proficient in various biomedical instruments.

Author of the scientific book Tube, and recipient of the prestigious Chevening Scholarship.

Actively seeking a PhD opportunity in Immunology or Molecular Biology, with a focus on advancing innovative therapeutic approaches through academic excellence and collaborative research.

EDUCATION

MSc Immunology and Immunotherapy
University of Aberdeen, Scotland, UK
2022 – 2023

Relevant courses: Biological Drug Discovery, Bioinformatics, Molecular Genetics, Profiles of Immunology, Host–Pathogen Interactions, Research Tutorials, Genes and Immunity, Master Research Project, Basic Skills Induction, Applied Statistics.

BSc Biology
College of Science, University of Thi Qar, Iraq
2009 – 2013

Relevant courses: General Biology, Cell and Genetic Biology, Molecular Biology, Microbiology, Genetics and Biotechnology, Genetic Engineering, Immunology, Antibiotics, Embryology, Evolution and Diversity, Chordates, Plant Taxonomy and Anatomy, Food and Industrial Microbiology, Medical Entomology, Plant Physiology, Animal Histology and Physiology, Pathological Analysis.

PROFESSIONAL EXPERIENCE

**Lecturer — Department of Medical Laboratory Techniques
College of Health and Medical Technologies, Al-Ayen University, Iraq
September 2023 – Present**

- Teaching undergraduate courses in Immunology, Molecular Biology, and Physiology for second-, third-, and fourth-year students.
 - Supervising student research projects and providing academic mentoring.
 - Participating in curriculum development, exam preparation, and departmental quality assurance activities.
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**Lecturer — School of Medicine, Medical Sciences and Nutrition
University of Aberdeen, UK
November 2022**

Delivered lectures in Molecular Biology and Microbiology to undergraduate medical students.

Designed assessments, graded assignments, and provided personalized feedback.

Mentored students and contributed to curriculum discussions in departmental meetings

**Lecturer — British Cambridge Institute
Baghdad, Iraq
March 2015 – August 202**

Taught Biological Sciences to high school students, preparing customized materials and exams.

Provided academic mentoring and maintained an engaging learning environment.

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Scientific Writer — United States Press Agency News

Remote

April 2017

- Authored scientific articles on current research topics.
- Collaborated with experts to ensure scientific accuracy and reach broad audiences.
- Featured articles:

<https://www.uspa24.com/bericht-17098/large-study-suggests-blood-type-o-maybe-a-protective-factor-against-covid-19.html>

<https://www.uspa24.com/bericht-13903/scientists-discover-a-tiny-stomach-hidden-inside-lung-tumors.html>

Director of Educational Content and Translation — Iraqi Researchers Platform

Iraq

February 2018 – Ongoing

- Oversaw science translation content and coordinated a team to produce free academic material.
 - Reached over 50,000 Arabic-speaking students via <http://www.iraqi-res.com/> and IQR app.
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Medical Laboratory Technician — Al Habobby Hospital

Dhi Qar, Iraq

August 2013 – September 2014

- Performed diagnostic lab tests and ensured quality control.
 - Supported physicians by preparing accurate patient results.
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Medical Director — International Human Rights Commission

Dhi Qar, Iraq

August 2017 – May 2019

- Provided general medical care and coordinated health campaigns.
- Supervised medical staff and collaborated in humanitarian outreach

Author — Scientific Book “TUBE” Published December 2023

- Authored a practical book featuring biological tests and disease concepts.
- Integrated barcode-accessible teaching videos for an interactive experience.

TRAININGS, SEMINARS, AND ACHIEVEMENTS

- **Advanced Training in Blood Bank Diagnostics — Iraq (6 Months)**
Comprehensive training focused on high-complexity blood testing including ABO/Rh typing, unexpected antibody screening, compatibility testing, antibody identification, donor selection, blood component processing, quality control procedures, and problem-solving in transfusion medicine. Training also included didactic lectures, self-study modules, and participation in scientific conferences.
- **International Seminars Attended**
Participated in academic seminars and workshops in Glasgow, London, and Paris, gaining exposure to international advancements in biological and medical sciences.
- **Chevening Scholarship Recipient (2019 & 2023)**
Awarded the prestigious UK government scholarship twice for academic excellence and leadership, supporting postgraduate studies and research development in the field of immunology.

Publications & Authorship

Author of “TUBE” – Scientific Book for Practical Laboratory Education

Published in December 2023, TUBE is a first-of-its-kind Arabic-language scientific book designed for students and laboratory professionals.

The book includes detailed biological tests, disease-related content, and innovative barcode-integrated teaching videos for an enhanced hands-on learning experience.

Scientific Articles — US Press Agency News








Published multiple scientific articles simplifying complex biomedical findings for a broader audience.

Notable articles include:

<https://www.uspa24.com/bericht-17098/large-study-suggests-blood-type-o-maybe-a-protective-factor-against-covid-19.html>

<https://www.uspa24.com/bericht-13903/scientists-discover-a-tiny-stomach-hidden-inside-lung-tumors.html>

Key Skills

-  Advanced knowledge in ELISA, PCR, Western Blot, Flow Cytometry
-  Laboratory quality assurance and biosafety protocols
-  Skilled in diagnostic interpretation and troubleshooting lab equipment
-  Academic writing, research design, and scientific communication
-  Fluent in Arabic (native) and English (advanced)
-  Strong interpersonal communication and student mentoring skills
-  Critical thinking and problem-solving in lab-based settings

References:

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